

Date: Tue, 17 May 94 03:03:41 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #536
To: Info-Hams

Info-Hams Digest Tue, 17 May 94 Volume 94 : Issue 536

Today's Topics:

 ?? Need help with an external short wave radio antenna ??
 A GENie test (5 msgs)
 Amateur Radio Newsline #873 6 May 94
 ASCII BRINGS CASH!
 Atlas 210X Info Wanted
 Ham Radio few problems! (2 msgs)
 Help:Bootleggers in area
 HF SKED Anyone?
 Nude Amateur radio nets
 single ch x-tal receiver?
 US licences for foreign nationals...possible?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 17 May 1994 08:50:19 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!usenet.ins.cwru.edu!
news.csuohio.edu!vmcms.csuohio.edu!R0264@network.ucsd.edu
Subject: ?? Need help with an external short wave radio antenna ??
To: info-hams@ucsd.edu

I need to gather some info on building an antenna for short
wave reception? Please excuse my ignorance, I am very new at
this. Someone told me that All I need to do is connect a very
long thin wire from an adjacent tree to the house and one from

the ground and connect them into the adapter that goes into the external antenna plug. I have some questions:

- 1) How long should this wire be? Is it somehow related to the frequencies that I am interested in? What if I am interested in more than one?
- 2) should the wire be shielded or unshielded?
- 3) what should be the gauge of the wire? The thicker the better?
- 4) should the wire be the meshed type or a single thread?

>>> Please include this message for reference <<<

===== S. Alavi [salavi@unity.ncsu.edu] (919)467-7909 (H) =====
(919)856-3817 (W)

It does not make much difference on most of what you ask. Almost any kind of wire will work. Get at least about 50 feet outdoors and up high.

----- Phil Emerson.

Date: Mon, 16 May 1994 18:30:19 -0400
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!wupost!udel!ssnet.com!
hal.spaschi.com!dave@network.ucsd.edu
Subject: A GENie test
To: info-hams@ucsd.edu

Just trying to see if this stuff is actually leaving GENie. WA2VCI WB2BFB.

Date: Mon, 16 May 1994 18:38:39 -0400
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!wupost!udel!ssnet.com!
hal.spaschi.com!dave@network.ucsd.edu
Subject: A GENie test
To: info-hams@ucsd.edu

Just trying to see if this stuff is actually leaving GENie. WA2VCI WB2BFB.

Date: Mon, 16 May 1994 18:42:54 -0400

From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!spool.mu.edu!howland.reston.ans.net!
wupost!udel!ssnet.com!hal.spasci.com!dave@network.ucsd.edu
Subject: A GEnie test
To: info-hams@ucsd.edu

Just trying to see if this stuff is actually leaving GEnie. WA2VCI WB2BFB.

Date: Mon, 16 May 1994 18:48:23 -0400
From: ihnp4.ucsd.edu!swrinde!emory!europa.eng.gtefsd.com!howland.reston.ans.net!
wupost!udel!ssnet.com!hal.spasci.com!dave@network.ucsd.edu
Subject: A GEnie test
To: info-hams@ucsd.edu

Just trying to see if this stuff is actually leaving GEnie. WA2VCI WB2BFB.

Date: Mon, 16 May 1994 18:53:24 -0400
From: ihnp4.ucsd.edu!swrinde!emory!europa.eng.gtefsd.com!howland.reston.ans.net!
wupost!udel!ssnet.com!hal.spasci.com!dave@network.ucsd.edu
Subject: A GEnie test
To: info-hams@ucsd.edu

Just trying to see if this stuff is actually leaving GEnie. WA2VCI WB2BFB.

Date: Mon, 16 May 94 20:23:19 PDT
From: ihnp4.ucsd.edu!swrinde!emory!europa.eng.gtefsd.com!newsxfer.itd.umich.edu!
nntp.cs.ubc.ca!mala.bc.ca!epaus!ham!emd@network.ucsd.edu
Subject: Amateur Radio Newsline #873 6 May 94
To: info-hams@ucsd.edu

Ed Ellers <edellers@delphi.com> writes:

> Jeffrey Herman <jherman@uhunix3.uhcc.Hawaii.Edu> writes:
>
> >If these manufacturers' goal is for EVERY licensed ham to have HF privs
> >then they had better first fight like hell to get us more spectrum; 40M
> >is jammed every evening out here in the Central Pacific. I've taken

> >to riding piggy-back on the SW BC stations to carry on QSO's (no need
> >for the BFO to be on - CW QSO's, news and music all at the same time!)

>

> Oh? The Broadcasting Service IS a legitimate user of the 7100-7300 kHz
> segment in some parts of the world. If the transmitter is in Region 1, beame
> to a point not in Region 2, that makes THEM a legitmate user and YOU a jammer

I think you're overreacting. Apart from the fact that some Region 1
broadcasters seem to target Region 2 listeners, both the hams AND the
broadcast stations are legitimate users of the band.

Listeners in Region 1, listening to a very much more powerful broadcast
station are unlikely to be seriously bothered by a couple of 200 watt cw
stations slightly off frequency in Region 2.

If the broadcasters don't like that, they can always move out of the ham
and swbc shared part of the spectrum.

Robert Smits
VE7EMD
Ladysmith B.C.
e-mail: emd@ham.island.net

There is *no* idiotproof filter.
Idiots are proof against anything!
- Richard Chycoski, VE7CVS

Date: 16 May 1994 22:21:51 -0500
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!not-for-mail@network.ucsd.edu
Subject: ASCII BRINGS CASH!
To: info-hams@ucsd.edu

% or call 1-614-653-3054 and upload file ASCII.TXT directly
% off my computer.

You must tell me sometime how someone can UPload something OFF of your
computer.....That'd be a neat trick.....:-)

T.M.K.

Internet: phantom@pro-haven.cts.com
UUCP: crash!pro-haven!phantom

Date: 16 May 1994 19:21:38 -0700
From: ihnp4.ucsd.edu!news.cerf.net!coyote.rain.org!coyote!leigh@network.ucsd.edu

Subject: Atlas 210X Info Wanted
To: info-hams@ucsd.edu

I've been loaned an old Atlas 210X HF transciever, and have an option to buy it for a mere 50 dollars.

Using a dummy load, it puts about 50 watts of CW out. But using a Hustler 40 meter coil & whip, power drops down to about QRP levels, even though the SWR is around 1.5:1. An old-timer with experience with the Atlas says this is fairly common; he says the early solid state rigs did not like loaded whips, and required a special matching network. (He also says that a conventional antenna tuner won't work.)

Evidently part of this required matching network included a large air coil. Any idea where to find or buy this item? I'd like to use this as a (parked) mobile CW rig, if I can get the power up.

Also, on the large selector knob on the front panel, there is a setting marked "CAL". I can find no mention in the manual as to what "CAL" is for. Any ideas?

Any other input on the Atlas 210X would be appreciated. Yes, it's certainly not the equal of my Icom 735, but the price is right for a mobile rig that might be at risk for being stolen.

73 DE KM6JE/Leigh in Santa Barbara.

Date: Tue, 17 May 1994 00:41:02 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!nic-nac.CSU.net!
channel.ecst.csuchico.edu!olivea!news.bu.edu!att-in!cbnewsm!jeffj@network.ucsd.edu
Subject: Ham Radio few problems!
To: info-hams@ucsd.edu

There are times when I read this newsgroup that it seems like numerous subjects on the problems of Amateur Radio are being posted at the same time. If I or someone outside (inside?) of Amateur Radio just read these subjects they might get the wrong impression that our hobby is riddled with all sorts of problems! When I first became a ham radio operator I fully expected that 99% of the hams would be great and 1% would be idiots. I haven't been disappointed! 8-) In fact I was pleasantly surprised to find that it was more on the order of a .01% idiot factor. Is Amateur Radio a perfect world? No, but it is far better than most anything out there that is comparable. Any one else agree or disagree with me on this?

Jeff
--

Jeff Jones AB6MB | Vote out those who voted for the North American
j.jones91@genie.geis.com | Free Trade Agreement!
Infolinc BBS 510-778-5929 |

Date: 17 May 1994 02:51:51 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!news-feed-1.peachnet.edu!news.duke.edu!eff!
news.umbc.edu!haven.umd.edu!umd5.umd.edu!mark@network.ucsd.edu
Subject: Ham Radio few problems!
To: info-hams@ucsd.edu

In article <Cpx8Kq.L3A@cbnewsm.cb.att.com>,
jeffrey.n.jones <jeffj@cbnewsm.cb.att.com> wrote:
>There are times when I read this newsgroup that it seems like numerous
>subjects on the problems of Amateur Radio are being posted at the same time.
>If I or someone outside (inside?) of Amateur Radio just read these subjects
>they might get the wrong impression that our hobby is riddled with all
>sorts of problems!

I'm currently an outsider, having just recently taken an interest in
amateur radio. That's why I've been reading this newsgroup.

Obviously, the hobby is riddled with problems! *EVERYTHING* is riddled
with problems. [Check out comp.os.386bsd.* for example.] If I didn't
see people here griping and moaning about things, I would think you were
all a bunch of zombies who weren't actually *doing* anything. Instead
I see lively discussion.

It is human nature (and especially prevalent on USENET) to complain
about problems. Things that aren't a problem just aren't noteworthy.
For example, I set my radio to 5.000 Mhz and heard this guy telling
me what time it was. Anybody want to have a long discussion about that?
Ahhh, but if I heard 2 Live Crew, *that* would be noteworthy!

b.t.w. It seems a lot more friendly and polite here than in many of
the other hobby oriented newsgroups. This is good. :)

Mark S.

Date: Mon, 16 May 1994 18:06:52 GMT
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!convex!news.duke.edu!concert!
hearst.acc.Virginia.EDU!cscsun!dtiller@network.ucsd.edu
Subject: Help:Bootleggers in area
To: info-hams@ucsd.edu

Joe Gregg (gregg@plains.nodak.edu) wrote:

: I'd like to post this to see what you all out there in radio/net-land think
: and see if anyone has any ideas about what to do.

: In my home town, where my Dad and Mom, both hams live there is a group of
: bootleggers using 148.00Mhz.

Call you local MARS coordinator - isn't 148.00-149.000 (or something like that)
used by either MARS or CAP? They might help, since technically the bootleggers
are transmitting on military freqs...

--

David Tiller	Network Administrator	Voice: (804) 752-3710	
dtiller@rmc.edu	n2kau/4	Randolph-Macon College	Fax: (804) 752-7231
Brady Law critique removed	P.O. Box 5005	ICBM: 37d 42' 43.75" N	
due to liberal PC pressure.	Ashland, Va 23005		77d 31' 32.19" W

Date: 16 May 1994 19:34:20 -0600

From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!zip.eecs.umich.edu!
yeshua.marcam.com!charnel.ecst.csuchico.edu!xmission!u.cc.utah.edu!not-for-
mail@network.ucsd.edu

Subject: HF SKED Anyone?

To: info-hams@ucsd.edu

Hi This is KG7TE calling CQ, does anyone want to have a sked
on HF? I have a 6 element mono band beam at 70 feet for 20m.
A delta loop for 40, So I prefer those two bands but go elsewhere.
Please let me know, and if anyone wants to chat I will be on
14.155 Thursday evening at around 2:00ZULU

Thanks

Jon

KG7TE (Utah)

Date: Mon, 16 May 1994 12:46:44 GMT

From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!vixen.cso.uiuc.edu!

news.eecs.uic.edu!uicvm.uic.edu!wheaton.wheaton.edu!tella5!jwa@network.ucsd.edu

Subject: Nude Amateur radio nets

To: info-hams@ucsd.edu

In article <1994May9.142436.25893@emba.uvm.edu> gdavis@griffin.emba.uvm.edu (Gary
Davis) writes:

>

>Why is it that no one can accept nudism for what it is.

>Haven't any of you wished you could live in the South American rain

>forest without clothes. What else could be more natural.
>
>Naturalists do-not like to be gawked at by geeks!
>
>73... WQ1F
>Heading for the Amazon Rain Forest
>
>WQ1F/PY3
>

Hey, I think everyone has the right to do their own thing,
if it doesn't hurt others! But if your running through
a South American rain forest without clothes, you just
might get bit in ass by a "trap door spider"!
At least wear a pith helmet and a good pair of jeans.

Jack Albert WA9FVP	Fellow Radio Hacker
	Tele (708) 378-6201
Tellabs Operations, Inc.	FAX (708) 378-6721
1000 Remington Blvd.	jwa@tellabs.com
Bolingbrook, IL 60440	

Date: Sun, 15 May 1994 22:51:44 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa
Subject: single ch x-tal receiver?
To: info-hams@ucsd.edu

In article <2qv53m\$qev@pace2.cts> mladair@mtu.edu (Matthew Adair) writes:
>

>Does anybody out there know of any single channel receivers that
>run off of crystals? (ie scanner crystals) Preferably something
>cheap. Kits are fine.

I just received a catalog from the Tele Path Corporation - they deal
in used vhf/uhf commercial gear. Give them a call and explain your
needs; their prices are very reasonable.

Example: Motorola Mocom 70, 450-470 mc, \$19 each (5 or more).

Other Moto goodies: Syntor, Spectra 900, Mostar, MTX handhelds,
Syntor X and X2, Traxar, STX handhelds, Spectra, MCR/MCX 100,
Micor, Mitrek, Flexar Base, Mitrek Base, Mocom 70 Base,
Micor Repeater, MX 300 handheld, HT90/450 HT, HT600/P200 HT,

MT1000 HT, Saber HT, P100/HT50 HT, MT1000MVA, Pulsar.

I won't list the GE, Johnson, Uniden, and RCA stuff.

Accessories include cavities, duplexers, isolators, combiners, tone boards, amps, repeaters; also a 30,000 tone reed and TCXO bank.

Their telephone number is 800-292-1700 (Calif: 510-656-5600);
address: Tele-Path Corp.
49111 Milmont Drive
Fremont, CA 94538

They say, ``Thousands of used and reconditioned mobiles, bases, repeaters, portables, pagers and mobile telephones... We take trade-in equipment... Technical support.''

Disclaimer: I have no business interest in Tele-Path and have never bought any item from them. I just have fun browsing through their catalog.

Jeff NH6IL

Date: Mon, 16 May 94 21:26:08 EDT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!
usenet.ins.cwru.edu!news.ysu.edu!malgudi.oar.net!hypnos!voxbox!
jgrubs@network.ucsd.edu
Subject: US licences for foreign nationals...possible?
To: info-hams@ucsd.edu

-----BEGIN PGP SIGNED MESSAGE-----

bencze@elvira.stanford.edu (William J. Bencze) writes:

>
> Howdy all,
>
> I have an unlicensed friend from China who is interested in becoming a
> ham. Does anyone know what licensing requirements are for foreign
> nationals? Is there any sort of citizenship requirement?

To the best of my knowledge, the only requirement is that they have a bona fide U.S. mailing address. You could be his.

-----BEGIN PGP SIGNATURE-----

Version: 2.5

iQCVAgUBLdgdmczmkeX3rfUNAQFVYgP/YxlpAT9awEFkgt/oE0R3cPM8rjKkvT7E
46qqKRj1m0z/bcQjfv99Er9wj6Glt1E/93M+bz32ArjVdxouj/pou10i0idgCzhB
62RzUJQvJ+00Mf+r/RD8mHA5sOK4cZ0i2Ng+f0Y5TvJgiDzHv99uvt3qvLIQ151e
+YbuDwxW4eI=
=9qI7
-----END PGP SIGNATURE-----

```
+-----+
| Jim Grubs, W8GRT          Voxbox Enterprises   THIS SPACE FOR RENT |
| jgrubs@voxbox.norden1.com 6817 Maplewood Ave.  RATES REASONABLE  |
| Fido: 1:234/1.0          Sylvania, Ohio 43560 Home: 419/882-2697 |
|                            AMATEUR RADIO - The National Park of the Mind |
+-----+
```

Date: Sun, 15 May 1994 23:22:02 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa
To: info-hams@ucsd.edu

References <1994May10.184218.28121@cs.brown.edu>, <Cpq86n.2DF@news.Hawaii.Edu>,
<p+6tFKl.edellers@delphi.com>>p
Subject : Re: Amateur Radio Newsline #873 6 May 94

In article <p+6tFKl.edellers@delphi.com> Ed Ellers <edellers@delphi.com> writes:
>Jeffrey Herman <jherman@uhunix3.uhcc.Hawaii.Edu> writes:

>
>>If these manufacturers' goal is for EVERY licensed ham to have HF privs
>>then they had better first fight like hell to get us more spectrum; 40M
>>is jammed every evening out here in the Central Pacific. I've taken
>>to riding piggy-back on the SW BC stations to carry on QSO's (no need
>>for the BFO to be on - CW QSO's, news and music all at the same time!)

>
>Oh? The Broadcasting Service IS a legitimate user of the 7100-7300 kHz
>segment in some parts of the world. If the transmitter is in Region 1, beamed
>to a point not in Region 2, that makes THEM a legitimate user and YOU a jammer.

Oh my. Ed, open up a copy of WRTV or Passport and ask yourself why
the legitimate users of the 7100-7300 kc segment are beaming to
Region 2 countries; I didn't think that was legal.

Also, if I'm conducting a QSO on a clear freq in that segment and
suddenly get blasted to the moon due to an oncoming BC'er then
who's the jammer? Hmmm, shouldn't Radio Phnom Penh have checked
to see if the freq was clear prior to starting their beamed-to-Region 2
bcst?

I doubt if my pipsqueek QRPp xmtr is causing much QRM to Region 1.

73 Ed,
Jeff NH6IL

Date: Tue, 17 May 1994 02:37:19 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
linley@network.ucsd.edu
To: info-hams@ucsd.edu

References <linleyCpKosM.6qE@netcom.com>, <2r5r5c\$qa5@crl2.crl.com>,
<Cpw8x7.2Ar@ryn.mro.dec.com>y
Subject : Re: Best AA NiCads?

In ye olden post klimasewski@fccvde.enet.dec.com (My name is...) spake...
>In article <2r5r5c\$qa5@crl2.crl.com>, mjr@crl.com (Matthew Rapaport) writes...
>>
>>Also, look for the new Lithium Hydride batteries. They are NOT rechargable,
>>but they last 3 times as long as alkalines in high drain applications. They
>>are also 3x more expensive, but they have the added bonus of a 10 year
>>shelf life! Very good for emergency situations.

What is the internal resistance like on these LiH cells? I know that Alkalines
flutter under high power TXing. Also, I seem to remember seeing an ad for
magnesium (?) batteries meant to be used in those old Army field phones.
It also claims a 10 year shelf life. Anyone know more about this?

--
Bruce James Robert Linley ----- linley@netcom.com ----- Amateur radio: KE6EQZ

"Another visitor. Stay a while... Stay FOREVER!"

Date: Sun, 15 May 1994 17:17:48 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arp
To: info-hams@ucsd.edu

References <rogjdCpow3o.6EE@netcom.com>, <Cpp5JB.Bu@cup.hp.com>,
<rogjdCppy83.Lvt@netcom.com>rman
Subject : Re: sacred frequencies

In article <rogjdCppy83.Lvt@netcom.com> rogjd@netcom.com (Roger Buffington)
writes:
>Jim Hollenback (jholly@cup.hp.com) wrote:

>
>: Other frequencies of interest
>
>: 14.230 - SSTV gathering spot. calling CQ here is greeted with a
>: answer in SSTV. The CQ'er generally moves.
>
>: 14.300 - maritime net stuff and phone patches to the stock broker.
>
>: 14.313 - see 28.325 below, but not limited to N. Texas
>
>: 14.336? - county chasers net
>
>: 14.260, 21.260, 28.260 - island chaser frequency.
>
>: 28.325 - North Texas Jammers Society. CQ'ing on this frequency is
>: generally greeted with a long blast of profanity and
>: endless tirades. Fortunately the skip is no longer in.
>
>
>: Jim Hollenback, WA6SDM
>
>FWIW, the only one of those freqs I'd ever heard of was 14.230.

Then you need to put up a better antenna. The maritime net on 14300 kc has been around for at least 20 years handling traffic, WX and phone patches for sailors in the Pacific. Back in '82 I sailed a boat from Hawaii to San Francisco and checked into that net daily - they provided phone patches to the Weather Service and to my parents daily.

At any one time there are dozens of sailboats plying the Pacific and 14300 provides a lifeline for them. Distress and medical calls are handled periodically on there. The Coast Guard will, when necessary, put their 10kW xmtr on 14300 to directly handle a distress call.

Jeff NH6IL

Date: Tue, 17 May 1994 00:42:42 GMT
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!howland.reston.ans.net!
europa.eng.gtefsd.com!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
np2x@network.ucsd.edu
To: info-hams@ucsd.edu

References <1994May12.160217.9245@rsg1.er.usgs.gov>, <CppExH.5G1@cup.hp.com>,
<CpwIu8.D3v@ryn.mro.dec.com>us.e
Subject : Re: repeater slang/lingo.

YEah... they say "QSL" all the time (which is not intended for voice modes -- especially VHF/UHF) and is improper in the way which it is used.

And the same ones that are always "destinated"

And the same ones that give a "5-by-9" report to someone wanting a signal check.

Need I go on....

np2x@netcom.com
np2x@np2x.ampr.org
np2x@486.np2x.ampr.org "GO ROCKIES!"

--

"Once a newbie, always a newbie" -- Phil

End of Info-Hams Digest V94 #536
